



*J. Sanford*  
*7/17/03*  
*8/B*

PATENT

Attorney Docket No. DKT00140

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Baddaria )  
 )  
Appln No.: 10/001,671 )  
 )  
Filed: October 31, 2001 )  
 )  
For: SPROCKET FOR A ROLLER )  
CHAIN WITH TEETH HAVING A )  
DIFFERENT FLANK PROFILE ON )  
THE SAME SPROCKET )  
 )  
Group )  
Art Unit: 3682 )  
 )  
Examiner: Stefanon, Justin )

CERTIFICATE OF MAILING

I hereby certify that this paper is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this date.

07/07/03 Date Jon A. Birmingham  
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Attorney for Applicant(s)

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JUL 14 2003  
GROUP 3600

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

AMENDMENT

Sir:

In response to the Office Action of February 6, 2003, please amend the aforementioned application as follows:

IN THE CLAIMS:

Please replace claims 10-22, 25 and 30-32 with the following amended claims:

30  
10. (Once Amended) A sprocket for a roller or bushing chain and sprocket system, the sprocket comprising:  
a plurality of teeth disposed about the circumference of the sprocket, the sprocket teeth each having a flank profile; and  
at least a first flank profile and at least a second flank profile, the second flank profile being different from the first flank profile, the first and second flank profiles arranged in a pattern effective to reduce noise generated by contact between the chain and the sprocket.